



PATENT

Attorney Docket No.: A-67614-3/RFT/RMS/RMK

Attorney File No.: 463077-241

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

DAHIYAT et al.

Serial No. 10/632,695

Filing Date: August 1, 2003

For: *Nucleic Acids and Protein Variants
of hG-CSF with Granulopoietic
Activity*

Examiner: Not Yet Assigned

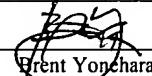
Group Art Unit: 1653

CERTIFICATE OF MAILING

I hereby certify that this correspondence, including listed enclosures, is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450:

Dated: March 16, 2004

Signed: _____


Brent Yonehara

**INFORMATION DISCLOSURE STATEMENT
AND
STATEMENT OF RELATEDNESS**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and in accordance with the provisions of 37 C.F.R. §§ 1.97 and 1.98, Applicants wish to draw the attention of the U.S. Patent and Trademark Office to the references cited on the accompanying form PTO/SB/8A. Since this application is a continuation-in-part of the following related U.S. Application – Serial No. 09/479,313, filed January 6, 2000 (now Patent No. 6,627,186, issued September 30, 2003), copies of these references were provided either by Applicants or the Examiner. Therefore, in accordance with 37 C.F.R. § 1.98(d), no copies of these references are enclosed.

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Further, in satisfaction of the duty of disclosure under 37 C.F.R. § 1.56, and as required by M.P.E.P. § 2001.06(b), Applicant notes that the present application is related to the following pending patent applications:

1. U.S.S.N. 09/058,459, filed April 10, 1998, now U.S. Patent No. 6,188,965, issued February 13, 2001; U.S.S.N. 09/127,926, filed July 31, 1998, now U.S. Patent No. 6,269,312, issued July 31, 2001; U.S.S.N. 09/714,357, filed November 15, 2000; U.S.S.N. 09/812,034, filed March 19, 2001; U.S.S.N. 09/827,960, filed April 4, 2001; U.S.S.N. 09/837,886, filed April 18, 2001; and U.S.S.N. 10/057,552, filed January 25, 2002;
2. U.S.S.N. 09/419,351, filed October 15, 1999, now U.S. Patent No. 6,503,312, issued June 11, 2002; U.S.S.N. 09/782,004, filed February 12, 2001; U.S.S.N. 09/927,790, filed August 10, 2001; U.S.S.N. 10/101,499, filed March 18, 2002; U.S.S.N. 10/218,102, filed August 12, 2002; U.S.S.N. 10/665,307, filed September 18, 2003; and U.S.S.N. 10/666,311, filed September 18, 2003.

It is not believed that the foregoing references disclose the invention as claimed. Nothing herein shall constitute an admission concerning the contents of the cited reference, nor shall the inclusion of a reference herein be considered an admission that the reference constitutes prior art against the invention claimed in the above-identified application. Submission of the present documents shall not be construed as an admission that a search has been made or that better art does not exist.

As far as is known to the undersigned, this Information Disclosure Statement is being filed within three months of the filing date of a national application, within three months of the date of entry of the national state in an international application, or before the mailing date of a

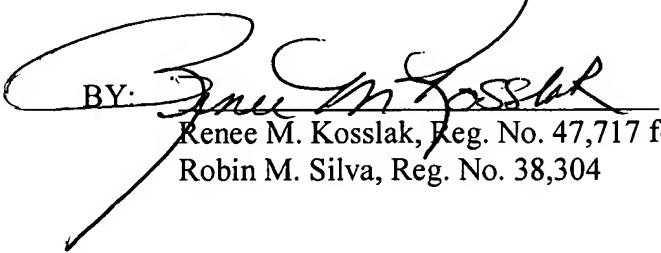
Serial No. 10/632,695
Filing Date: August 1, 2003

first Office Action on the merits as set forth in 37 C.F.R. § 1.97(b), and therefore no fee is required.

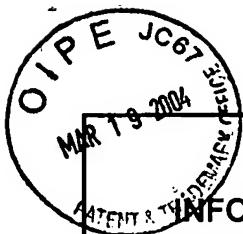
While no further fee is believed to be due, if this belief is in error, the Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2319 (Our Order No. 463077-241 (A-67614-3/RFT/RMS/RMK)).

Respectfully submitted,
DORSEY & WHITNEY LLP

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Attachments : Form PTO/SB/8A, Substitute for form 1449
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<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">(use as many sheets as necessary)</p>				Complete if Known	
				Application Number	10/632,695
				Filing Date	August 1, 2003
				First Named Inventor	DAHIYAT, Bassil I.
				Art Unit	1653
				Examiner Name	To Be Assigned
Sheet	1	of	1	Attorney Docket Number	A-67614-3/RFT/RMS/RMK (463077-241)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	4,810,643	04-07-1989	Souza	
	A2	4,833,127	05-23-1989	Ono et al.	
	A3	4,999,291	03-12-1991	Souza	
	A4	5,214,132	05-25-1993	Kuga et al.	
	A5	5,218,092	06-08-1993	Sasaki et al.	
	A6	5,362,853	11-08-1994	Kuga et al.	
	A7	5,399,345	03-21-1995	Schumacher et al.	
	A8	5,416,195	05-16-1995	Camble et al.	
	A9	5,580,755	12-03-1996	Souza	
	A10	5,581,476	12-03-1996	Osslund	
	A11	5,790,421	08-04-1998	Osslund	
	A12	5,830,705	11-03-1998	Souza	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
	B1	EP 0 459 630 A2	12-04-1991	Imperial Chemical Industries PLC		
	B2	WO 94/17185 A1	08-04-1994	Amgen Inc.		
	B3	WO 98/47089 A1	10-22-1998	California Institute of Technology		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	C1	DAHIYAT, B., et al., "Protein design automation," <i>Protein Sci.</i> 5:895-903 (1996).	
	C2	KUGA, T., et al., "Mutagenesis of human granulocyte colony stimulating factor," <i>Biochem. Biophys. Res. Comm.</i> 159(1):103-111 (1989).	
	C3	LUO, P., et al., "Automated Design of Enhanced Granulopoietic Proteins," <i>FASEB J.</i> 13(7):1431 (1999).	

Examiner Signature		Date Considered
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the complete application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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